US Army Corps
of Engineers
Alaska District

Public Notice of Application for Permit

FAIRBANKS FIELD OFFICE
Regulatory Division (1145)
CEPOA-RD
2175 University Avenue, Suite 201E
Fairbanks, Alaska 99709-4927

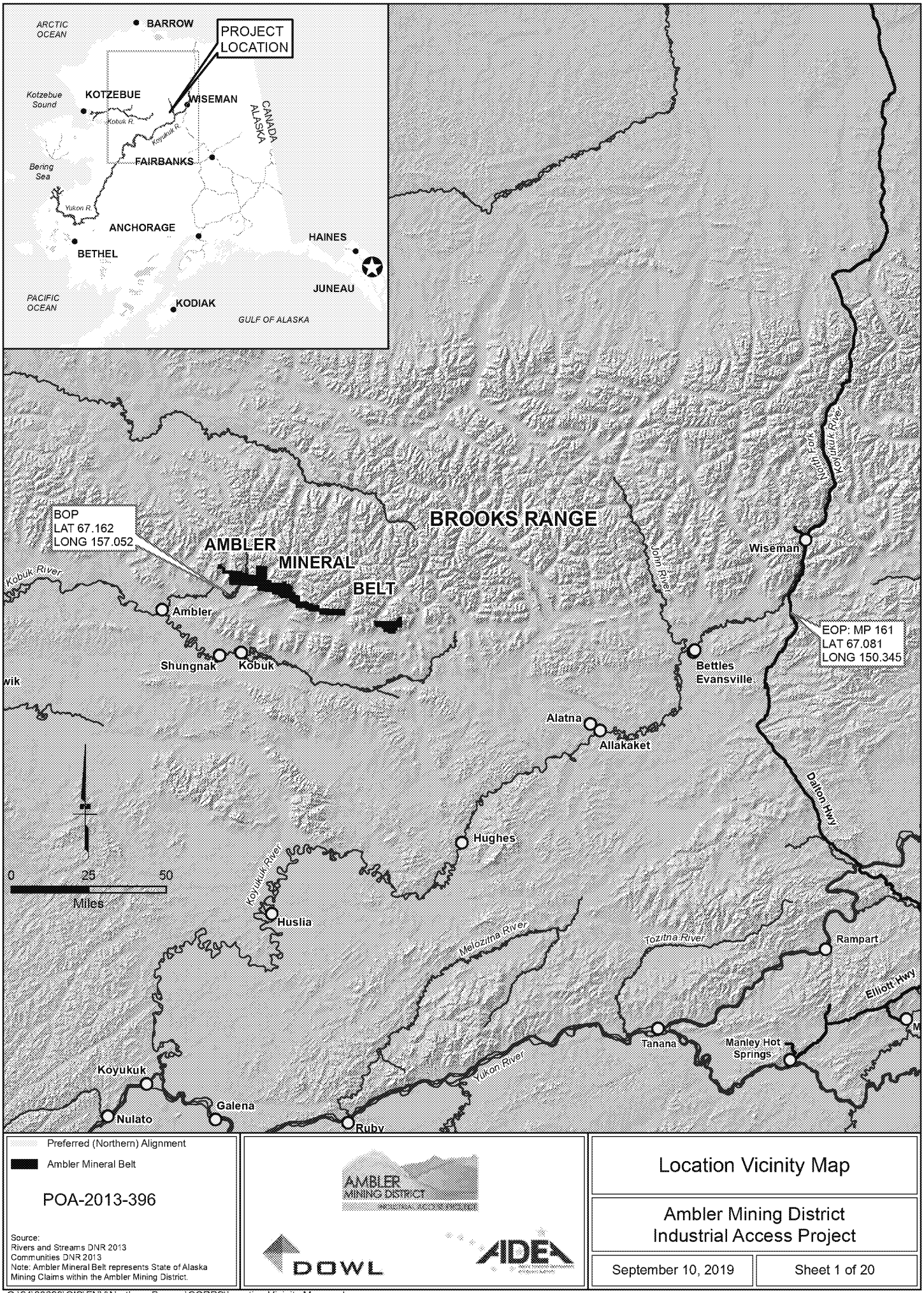
PUBLIC NOTICE DATE:	**September 27, 2019**
EXPIRATION DATE:	**October 29, 2019**
REFERENCE NUMBER:	**POA-2013-00396**
WATERWAY:	**Kobuk, Alatna, and Koyukuk Rivers**

*****PUBLIC NOTICE REVISION*****

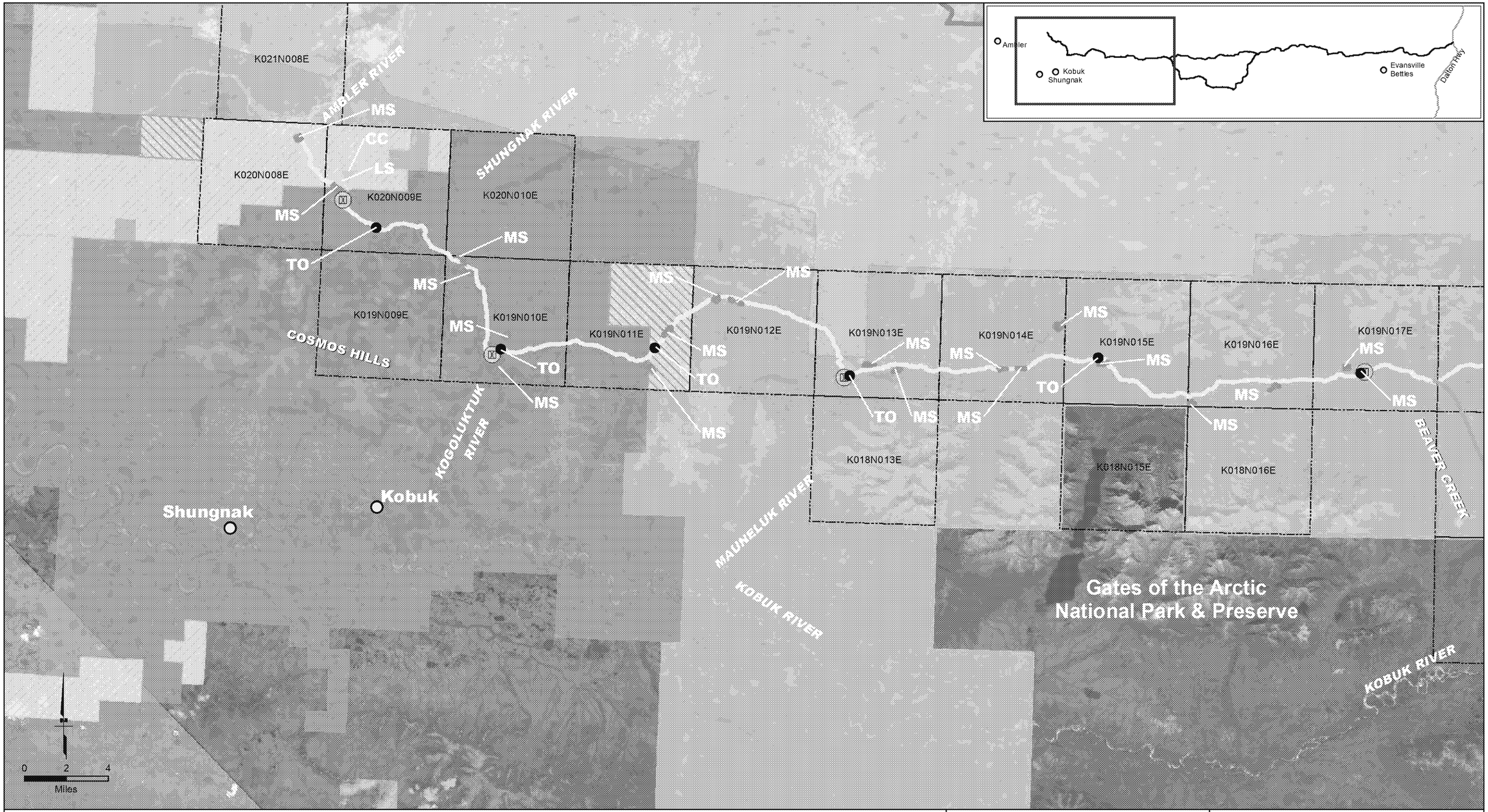
On September 13, 2019, the Alaska District Corps of Engineers published a Public Notice (PN) for Department of the Army (DA) permit number POA-2013-00396, Kobuk, Alatna and Koyukuk Rivers for a DA permit application from Alaska Industrial Development Authority, for the phased construction of a controlled access, year-round, industrial road linking the Ambler Mining District to the Dalton Highway. The project would construct a new 211-mile-long gravel surfaced roadway along the southern flanks of the Brooks Range, extending west from the Dalton Highway near milepost 161 to the south bank of the Ambler River within the Ambler Mining District near Ambler, Alaska. The project site begins at Latitude 67.081° N., Longitude 150.345° W. and ends at Latitude 67.162° N., Longitude 157.052° W.

The expiration date to provide comments has been extended to October 29, 2019. All other information contained in the previous notice remains the same. Please bring this announcement to the attention of anyone you know who is or may be interested. The revised PN can also be found on our website at: www.poa.usace.army.mil/Missions/Regulatory/Public-Notices/Article/1959307/poa-2013-396-kobuk-alatna-and-koyukuk-rivers/. Please contact John Sargent at (907) 458-1603 or by email at: John.C.Sargent@usace.army.mil if further information is desired concerning this notice.

District Engineer
U.S. Army, Corps of Engineers



Q:\24\60693\GIS\ENV\Northern Bypass\CORPS\Location Vicinity Map.mxd



Land Ownership

- Gates of the Arctic National Park & Preserve (Wilderness)
- Gates of the Arctic National Park & Preserve
- ANCSA Corporation Land
- Native Selected Land
- State of Alaska Land
- State Selected Land

Project Elements

- Preferred (Northern) Corridor through Gates of the Arctic Preserve
- Alternative (Southern) Corridor through Gates of the Arctic Preserve
- Landing Strip (LS)
- Construction Camp (CC)
- Proposed Corridor Material Site (MS)
- Alternative Corridor Material Site (MS)
- Turnout (TO)
- Large Bridge

POA-2013-396

AMBLER MINING DISTRICT INDUSTRIAL ACCESS PROJECT

DOWL

ADEL

Figure 5-2
Project Elements

Ambler Mining District
Industrial Access Project

September 10, 2019 | Sheet 2 of 20

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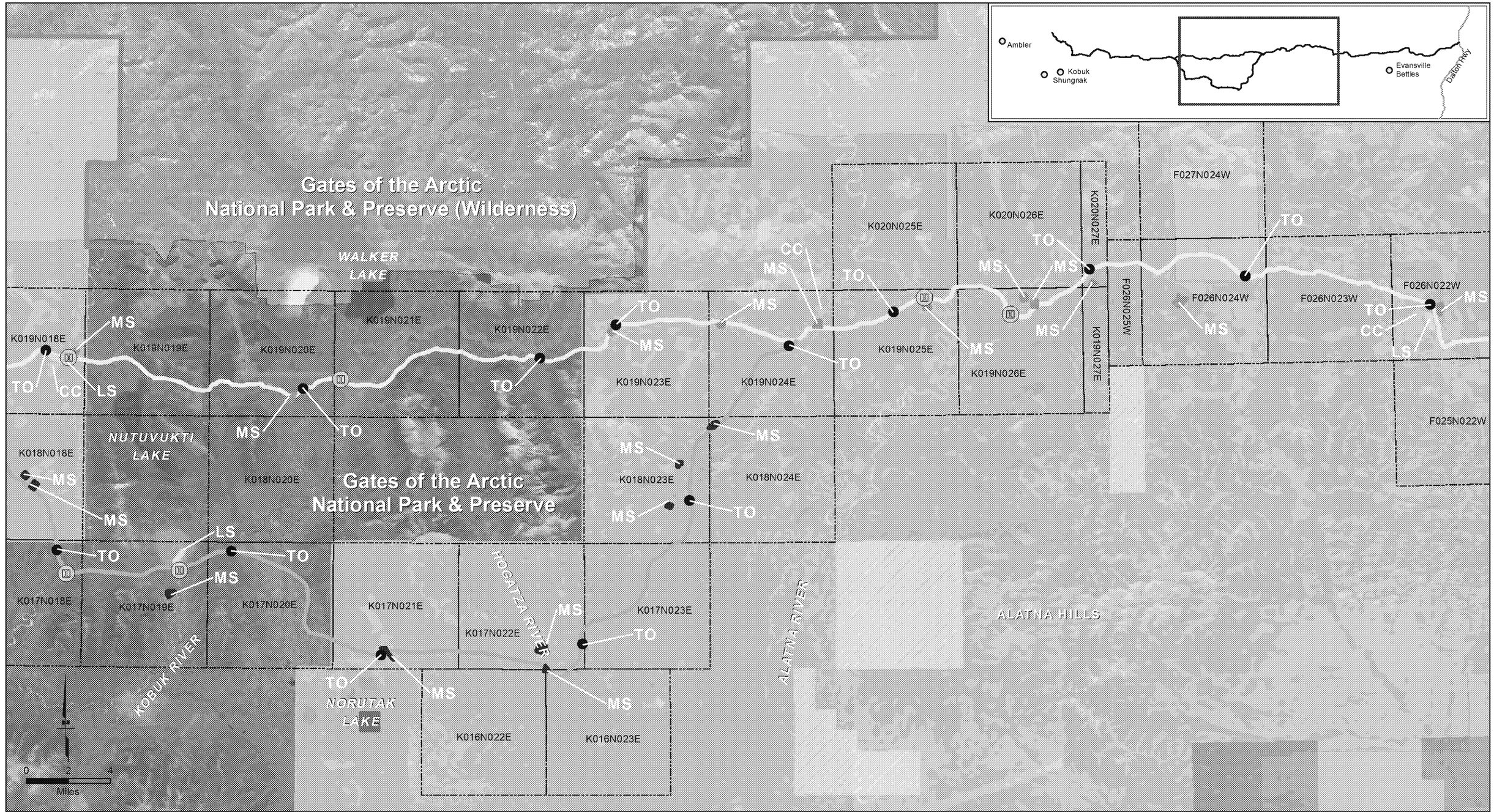


Land Ownership

- Gates of the Arctic National Park & Preserve (Wilderness)
- Gates of the Arctic National Park & Preserve
- Kanuti National Wildlife Refuge
- ANCSA Corporation Land
- State of Alaska Land
- State Selected Land

Project Elements

- Preferred (Northern) Corridor through Gates of the Arctic Preserve
- Alternative (Southern) Corridor through Gates of the Arctic Preserve
- Landing Strip (LS)
- Construction Camp (CC)
- Proposed Corridor Material Site (MS)
- Alternative Corridor Material Site (MS)
- Turnout (TO)
- Large Bridge

POA-2013-396

AMBLER MINING DISTRICT INDUSTRIAL ACCESS PROJECT

DOWL

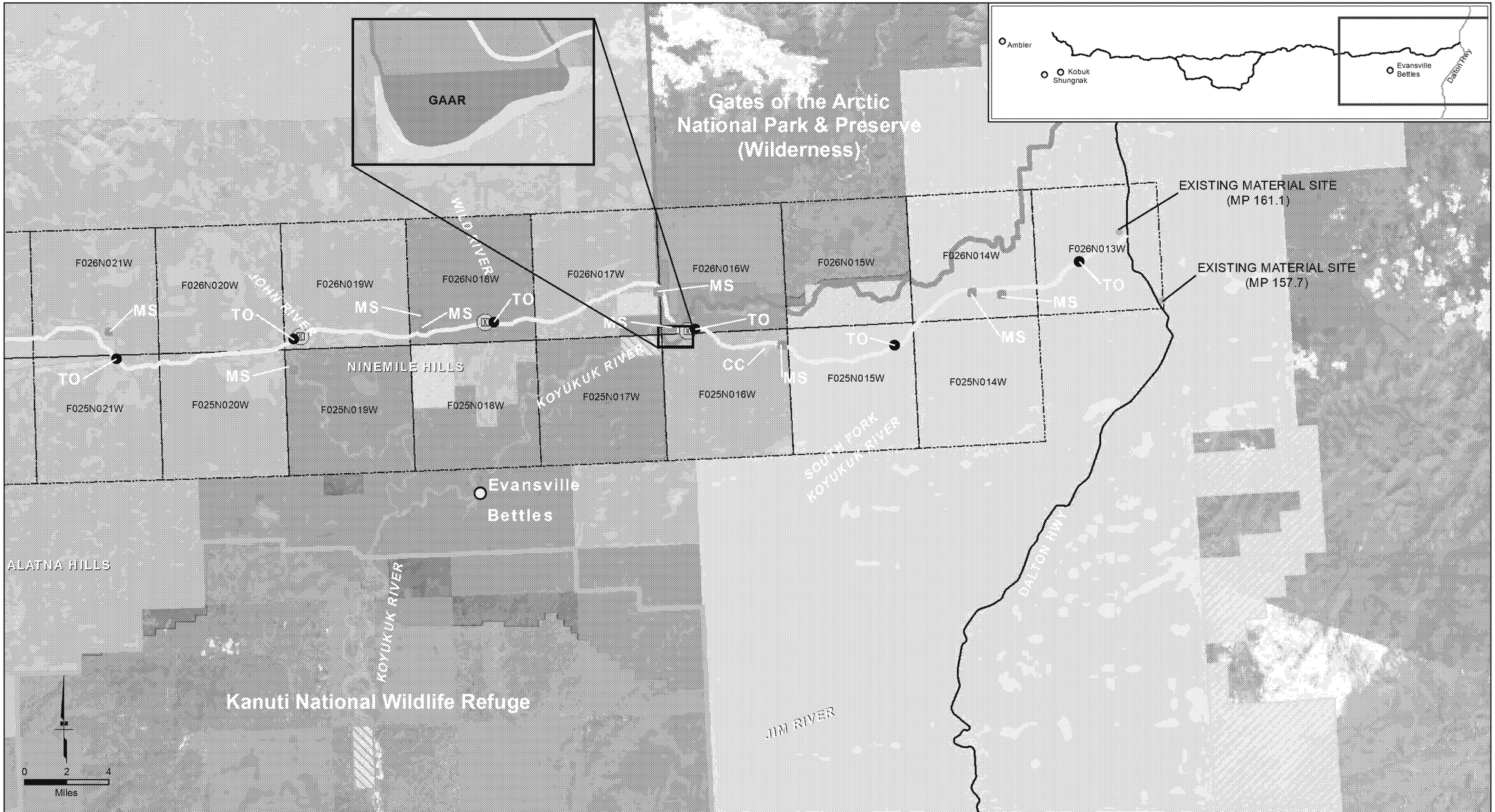
AIDEA

Figure 5-2
Project Elements

Ambler Mining District
Industrial Access Project

September 10, 2019 | Sheet 3 of 20

Q:\24\60693\GIS\ENV\Northern Bypass\NPS\Project Elements.mxd



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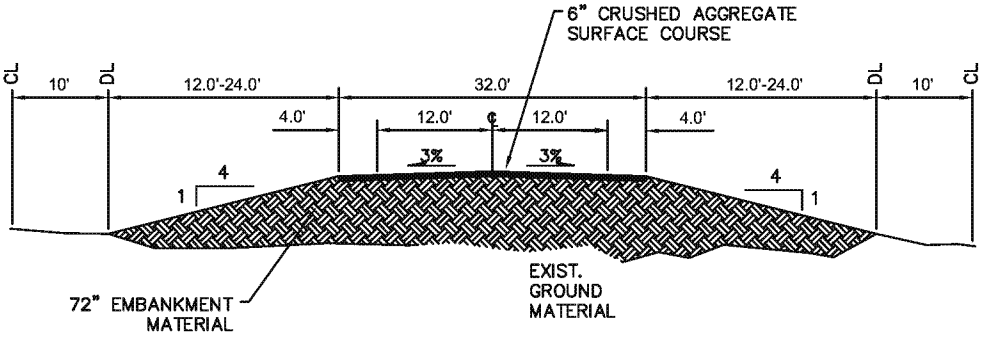
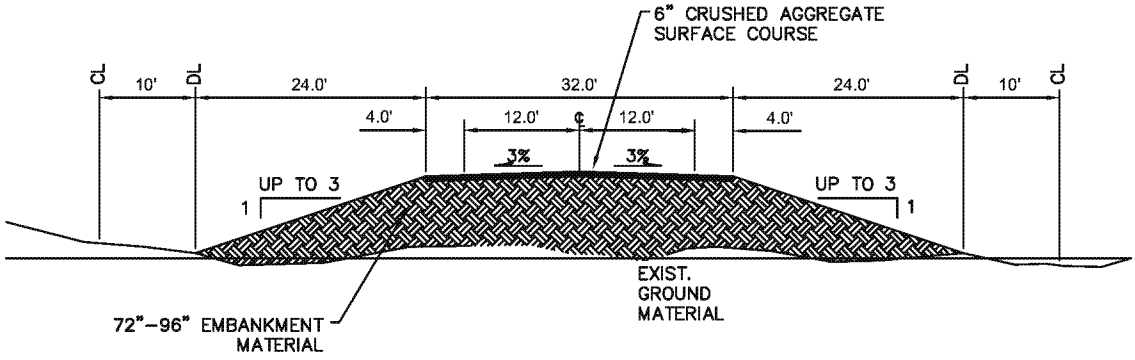
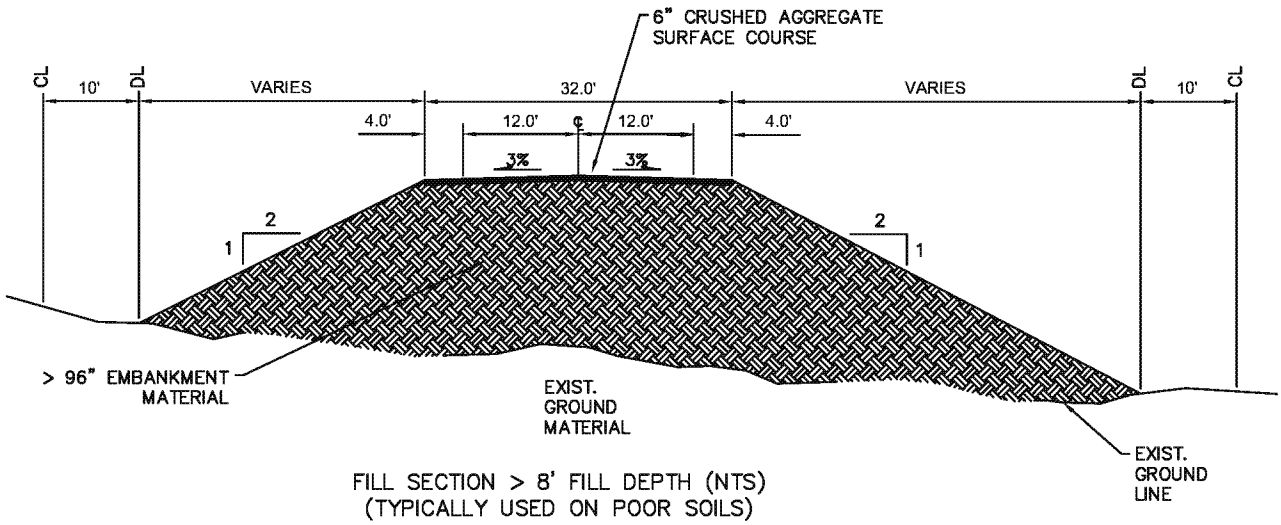


FILL SECTION < 6' FILL DEPTH (NTS)
(TYPICALLY USED ON GOOD SOILS)



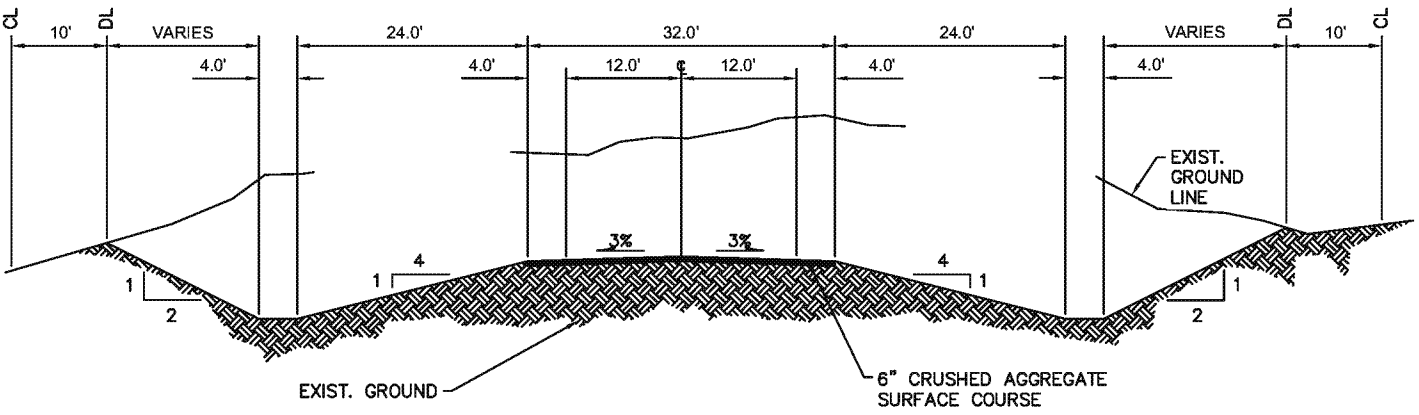
FILL SECTION 6' TO 8' FILL DEPTH (NTS)
(TYPICALLY USED ON MODERATE SOILS)



FILL SECTION > 8' FILL DEPTH (NTS)
(TYPICALLY USED ON POOR SOILS)

NOTE: TYPICAL SECTIONS ARE FOR FULL BUILD OUT (PHASE III)
℄ : CENTERLINE
DL: DAYLIGHT LIMITS
CL: CLEARING LIMITS
NTS: NOT TO SCALE

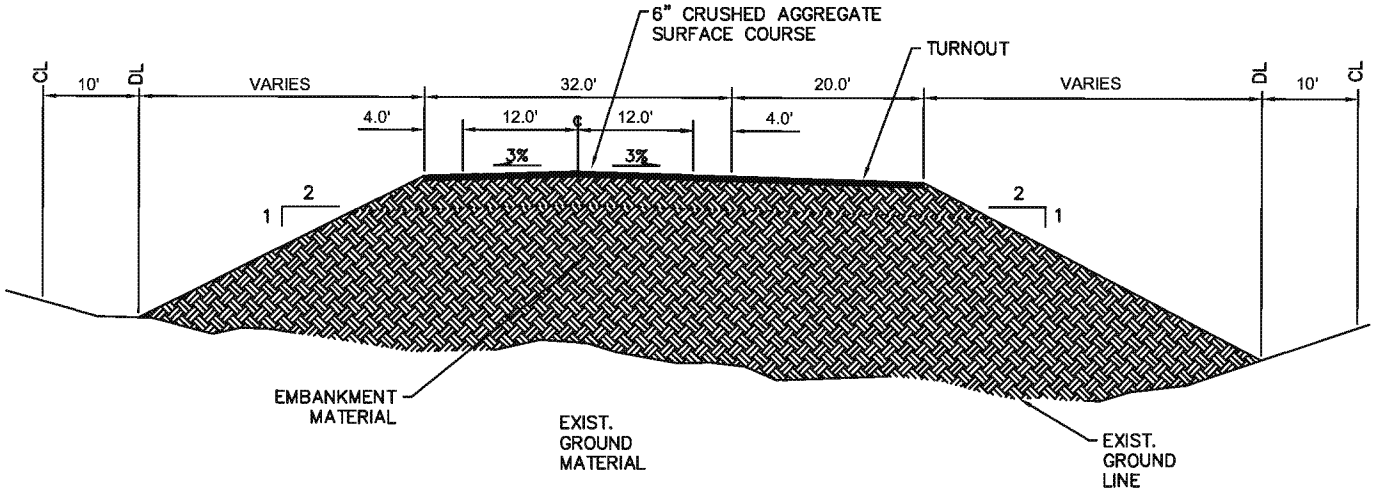
ACOE PERMIT: POA–2013–396
CROSS SECTIONS: TYPICAL FILL SECTIONS
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019 Sheet 5 of 20



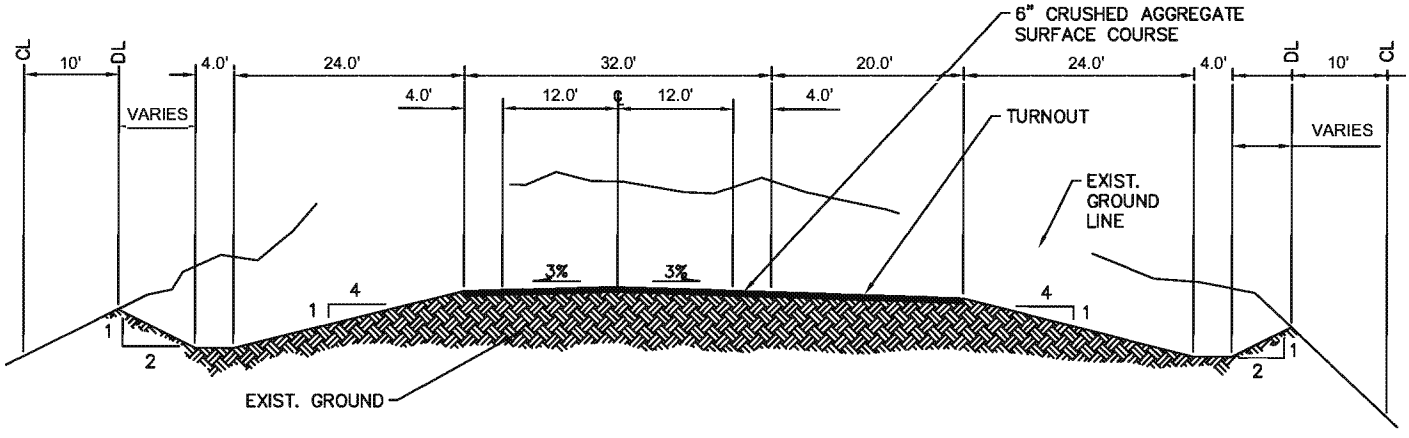
CUT SECTION TYPICAL ROAD (NTS)

NOTE: TYPICAL SECTIONS ARE FOR FULL BUILD OUT (PHASE III)
℄ : CENTERLINE
DL: DAYLIGHT LIMITS
CL: CLEARING LIMITS
NTS: NOT TO SCALE

ACOE PERMIT: POA-2013-396
CROSS SECTIONS: TYPICAL CUT SECTION
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019 Sheet 6 of 20



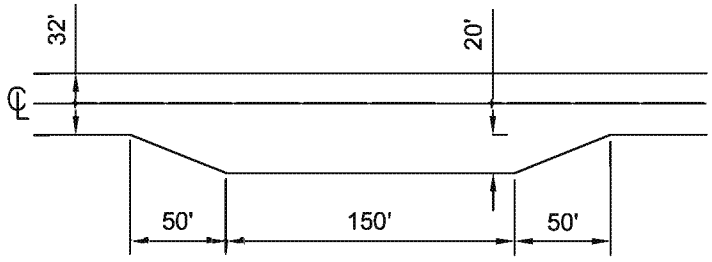
FILL SECTION WITH TURNOUT NTS



CUT SECTION WITH TURNOUT (NTS)

NOTE: TYPICAL SECTIONS ARE FOR FULL BUILD OUT (PHASE III)
℄ : CENTERLINE
DL: DAYLIGHT LIMITS
CL: CLEARING LIMITS
NTS: NOT TO SCALE

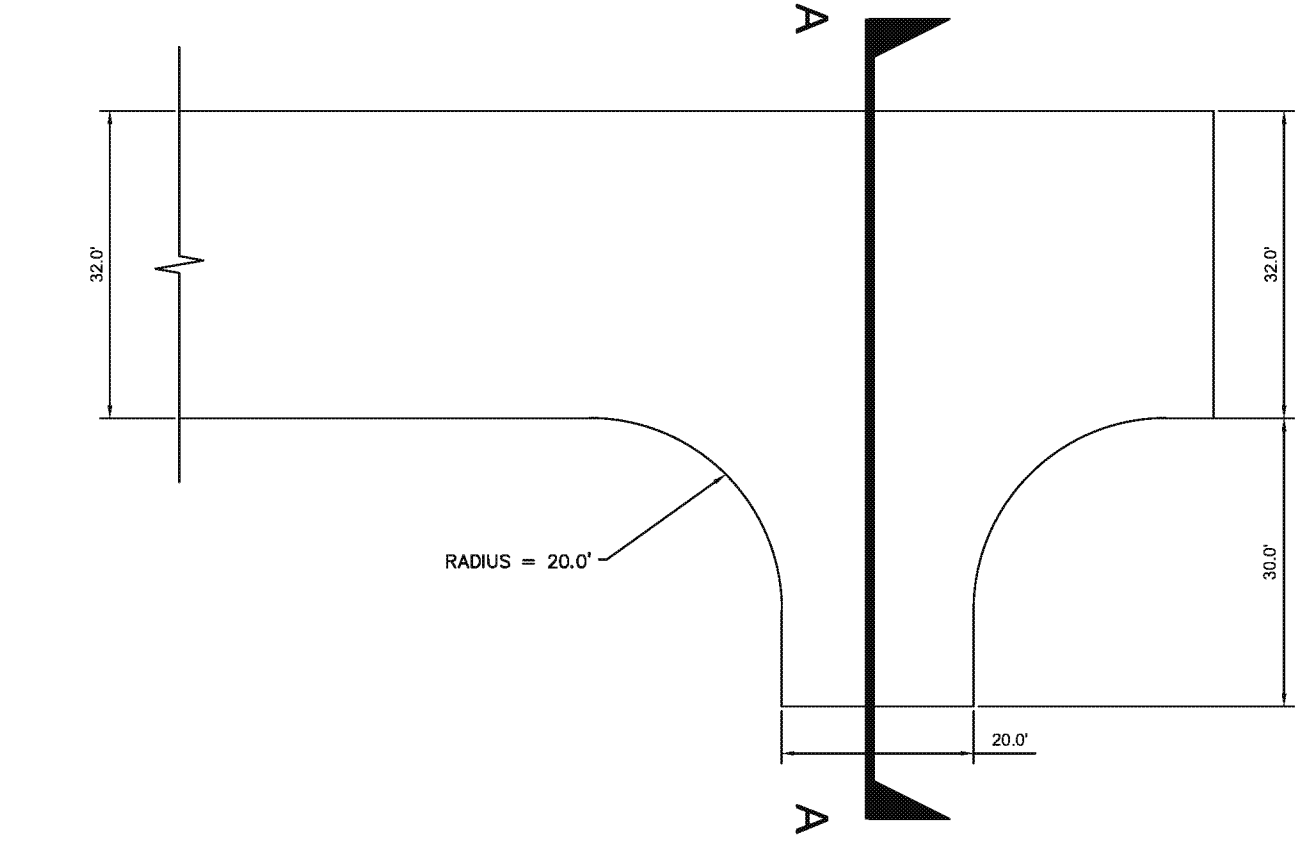
ACOE PERMIT: POA-2013-396
CROSS SECTIONS: TYP SECTION W TURNOUTS
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019 Sheet 7 of 20

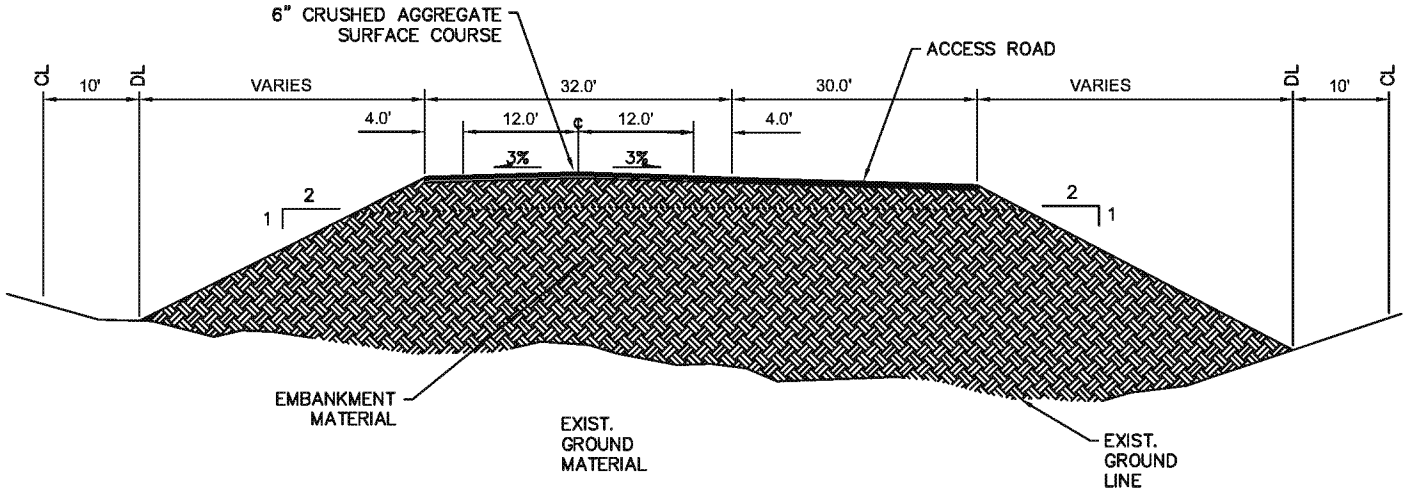


TURNOUT PLAN VIEW (NTS)

℄ : CENTERLINE
NTS: NOT TO SCALE

ACOE PERMIT: POA-2013-396
PLAN VIEW: TURNOUT
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019 Sheet 8 of 20

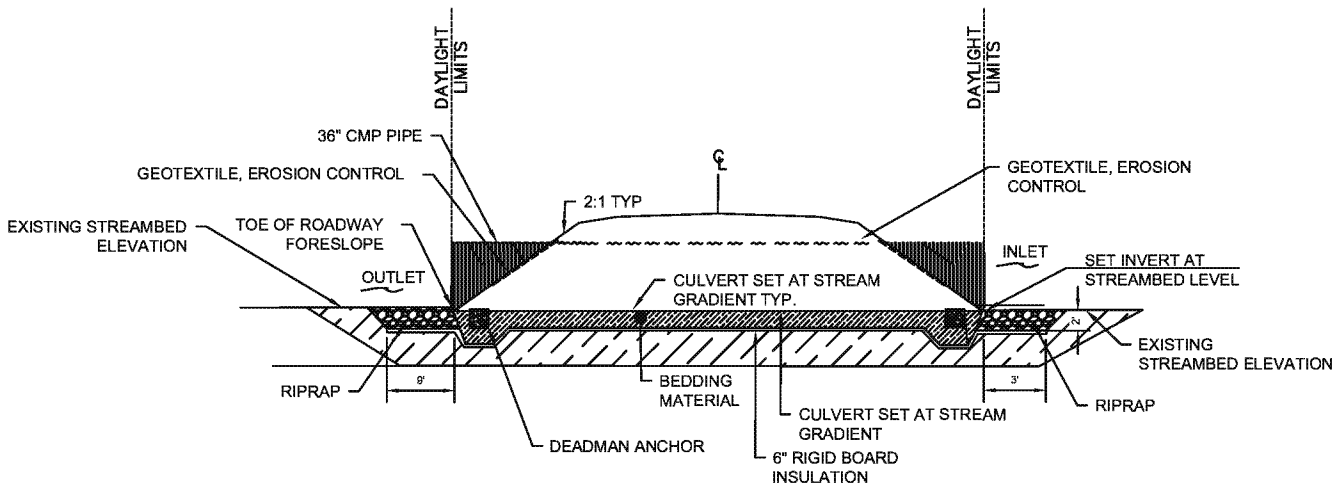




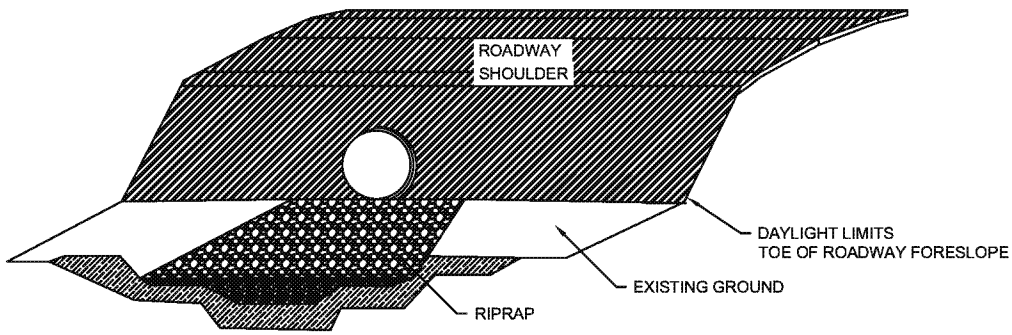
ACCESS ROAD WITH TURN AROUND (NTS)
SECTION A - A

℄ : CENTERLINE
DL: DAYLIGHT LIMITS
CL: CLEARING LIMITS
NTS: NOT TO SCALE

ACOE PERMIT: POA-2013-396
CROSS SECTIONS: TYPICAL ACCESS ROAD
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019 Sheet 9 of 20



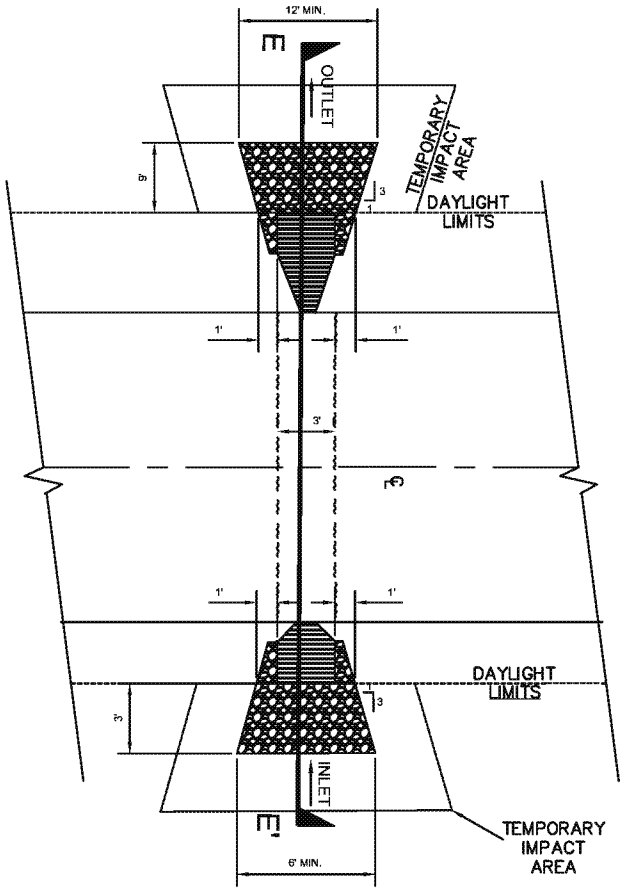
MINOR CULVERT TYPICAL SECTION
SECTION E-E'
NOT TO SCALE



MINOR CULVERT ISOMETRIC VIEW
NOT TO SCALE

℄ : CENTERLINE

ACOE PERMIT: POA-2013-396
CROSS SECTION: MINOR CULVERT
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE:9/10/2019 Sheet 10 of 20



MINOR CULVERT PLAN VIEW

NOT TO SCALE

℄ : CENTERLINE

ACOE PERMIT: POA-2013-396

PLAN VIEW: MINOR CULVERT

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

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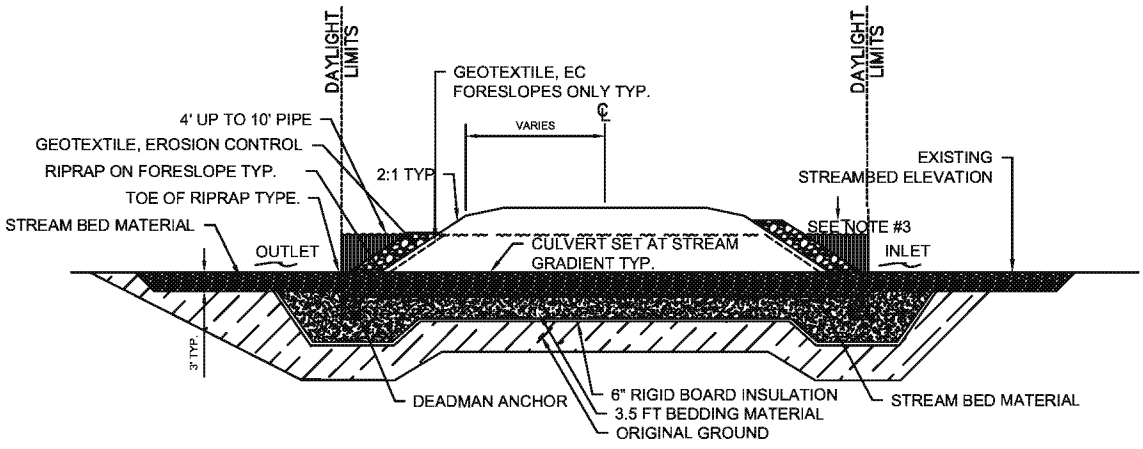
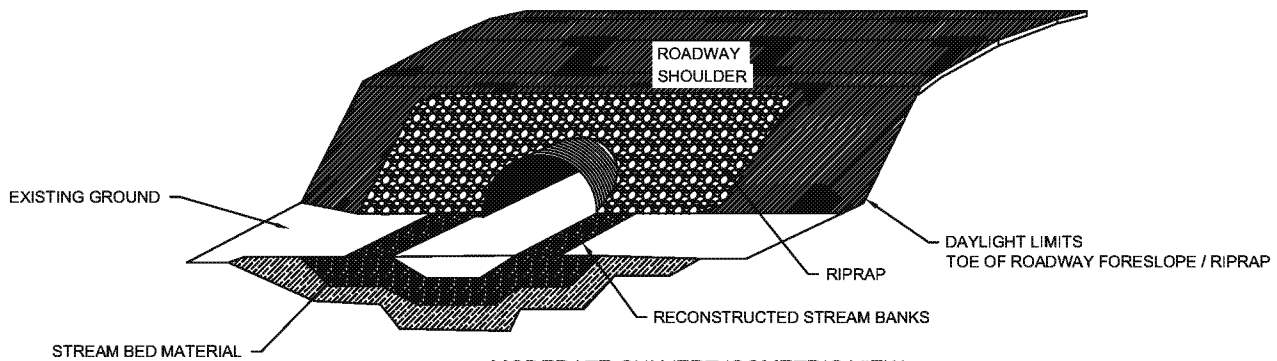


MODERATE CULVERT TYPICAL SECTION
SECTION E-E'
NOT TO SCALE



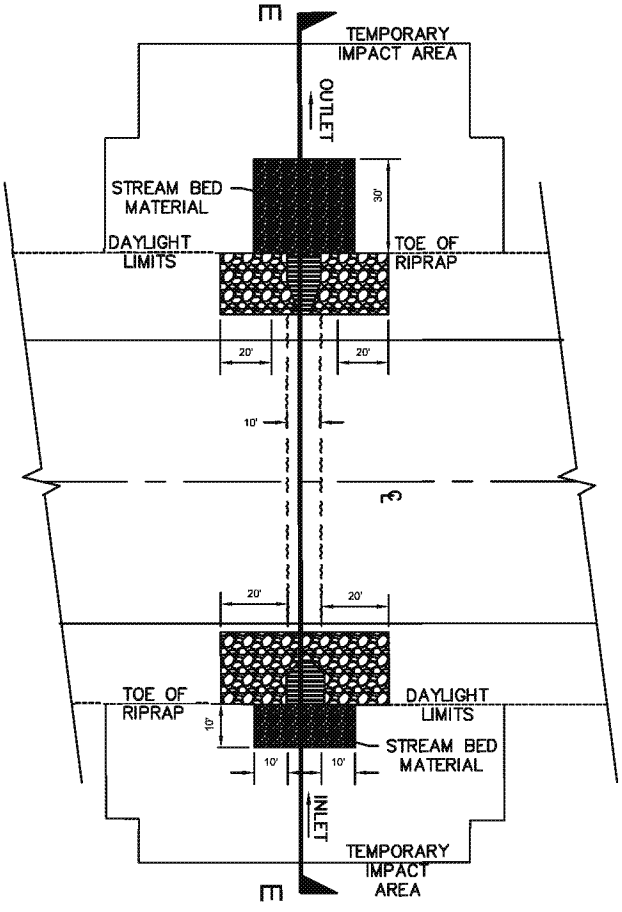
MODERATE CULVERT ISOMETRIC VIEW
NOT TO SCALE

NOTES:

1. CULVERT WILL BE EMBEDDED TO PROVIDE FISH PASSAGE USING STREAM SIMULATION DESIGN PRINCIPLES.
2. EROSION CONTROL STRUCTURES ARE APPROXIMATE AND MAY BE FIELD ADJUSTED BY THE ENGINEER TO TAKE ADVANTAGE OF EXISTING CHANNEL FEATURES.
3. EXTEND RIPRAP 3 FEET ABOVE THE PIPE ON THE INLET SIDE OR TO EDGE OF SHOULDER, WHICHEVER IS LESS. ON THE OUTLET SIDE, THE RIPRAP SHALL EXTEND TO THE TOP OF THE PIPE.
4. GEOTEXTILE IS NEEDED ON ROADWAY FORESLOPE ONLY.
5. STREAM BED CONSTRUCTED OF MATERIAL SIMILAR TO NATURAL STREAM SUBSTRATE.
6. STREAM BANKS CONSTRUCTED OF BIOENGINEERING AND RIPRAP.

℄ : CENTERLINE

ACOE PERMIT: POA-2013-396
CROSS SECTION: MODERATE CULVERT
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019 Sheet 12 of 20



MODERATE CULVERT PLAN VIEW

NOT TO SCALE

℄ : CENTERLINE

ACOE PERMIT: POA-2013-396

PLAN VIEW: MODERATE CULVERT

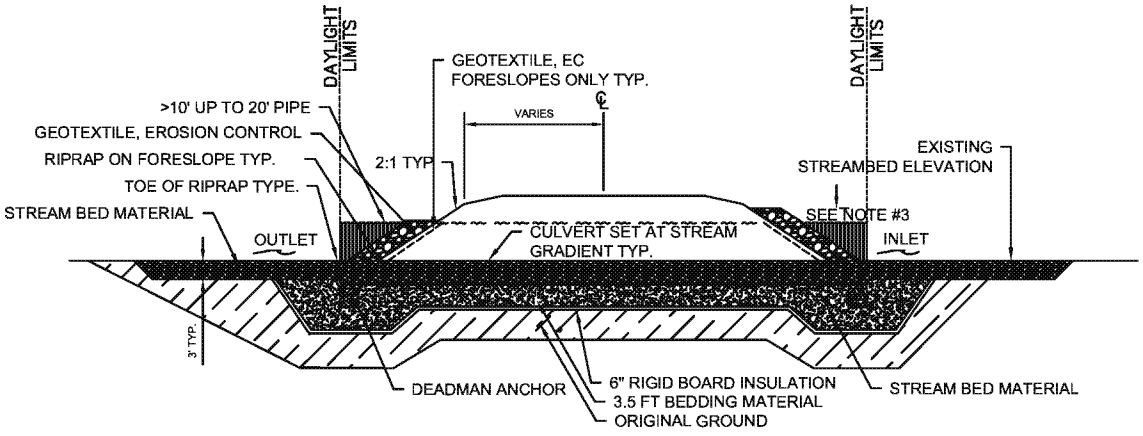
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

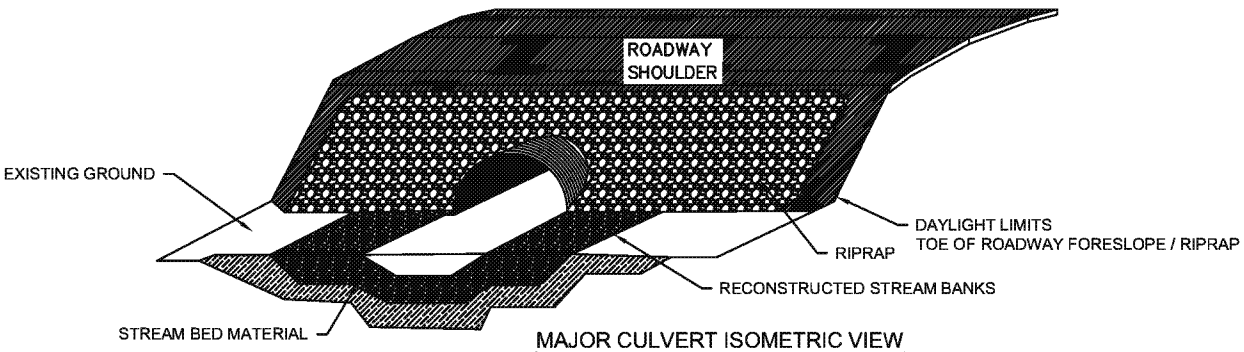
LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

DATE: 9/10/2019 Sheet 13 of 20



MAJOR CULVERT TYPICAL SECTION
SECTION E-E'
NOT TO SCALE



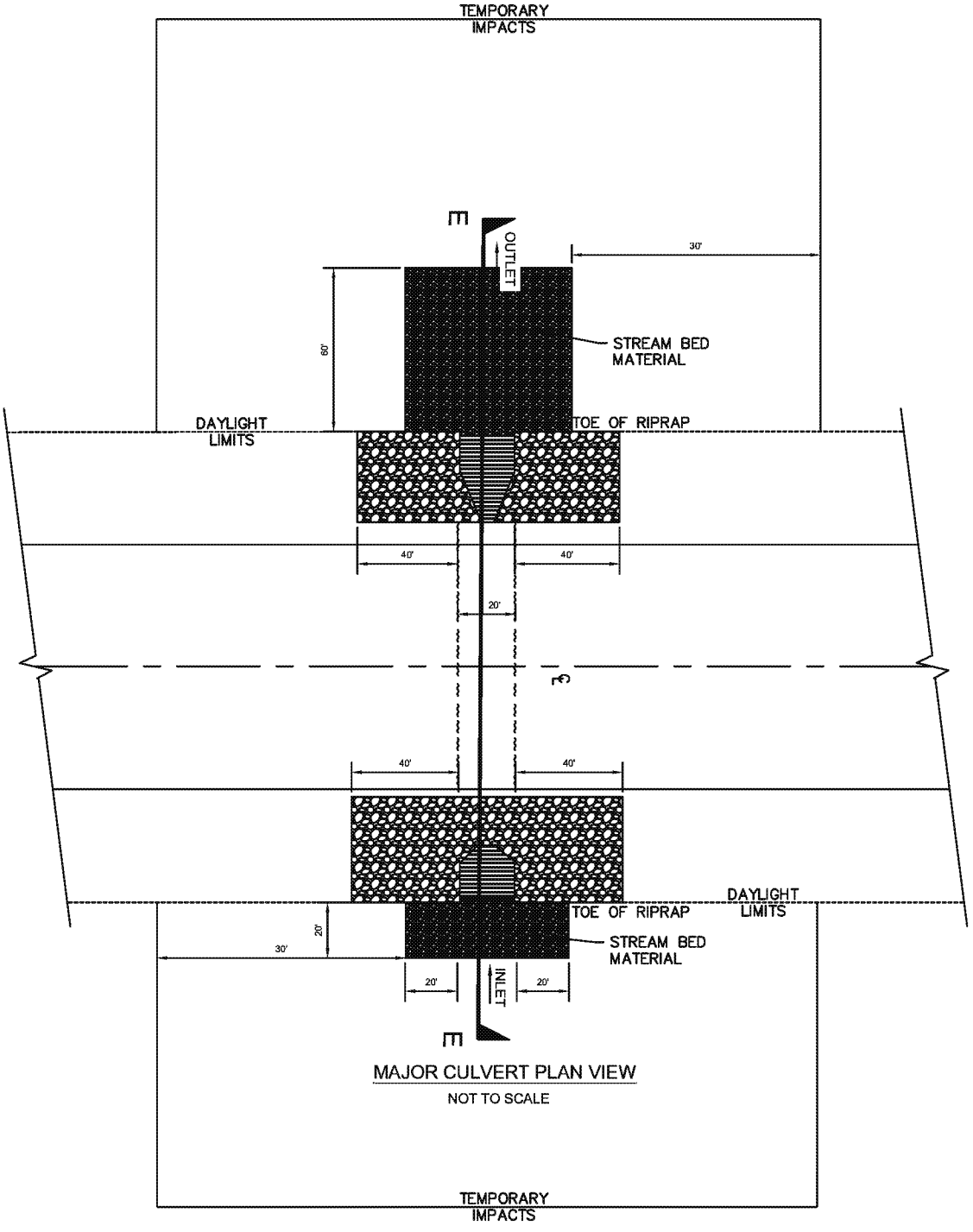
MAJOR CULVERT ISOMETRIC VIEW
NOT TO SCALE

NOTES:

1. CULVERT WILL BE EMBEDDED TO PROVIDE FISH PASSAGE USING STREAM SIMULATION DESIGN PRINCIPLES.
2. EROSION CONTROL STRUCTURES ARE APPROXIMATE AND MAY BE FIELD ADJUSTED BY THE ENGINEER TO TAKE ADVANTAGE OF EXISTING CHANNEL FEATURES.
3. EXTEND RIPRAP 3 FEET ABOVE THE PIPE ON THE INLET SIDE OR TO EDGE OF SHOULDER, WHICHEVER IS LESS. ON THE OUTLET SIDE, THE RIPRAP SHALL EXTEND TO THE TOP OF THE PIPE.
4. GEOTEXTILE IS NEEDED ON ROADWAY FORESLOPE ONLY.
5. STREAM BED CONSTRUCTED OF MATERIAL SIMILAR TO NATURAL STREAM SUBSTRATE.
6. STREAM BANKS CONSTRUCTED OF BIOENGINEERING AND RIPRAP.

℄ : CENTERLINE

ACOE PERMIT: POA-2013-396
CROSS SECTION: MAJOR CULVERT
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019 Sheet 14 of 20



MAJOR CULVERT PLAN VIEW

NOT TO SCALE

℄ : CENTERLINE

ACOE PERMIT: POA–2013–396

PLAN VIEW: MAJOR CULVERT

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

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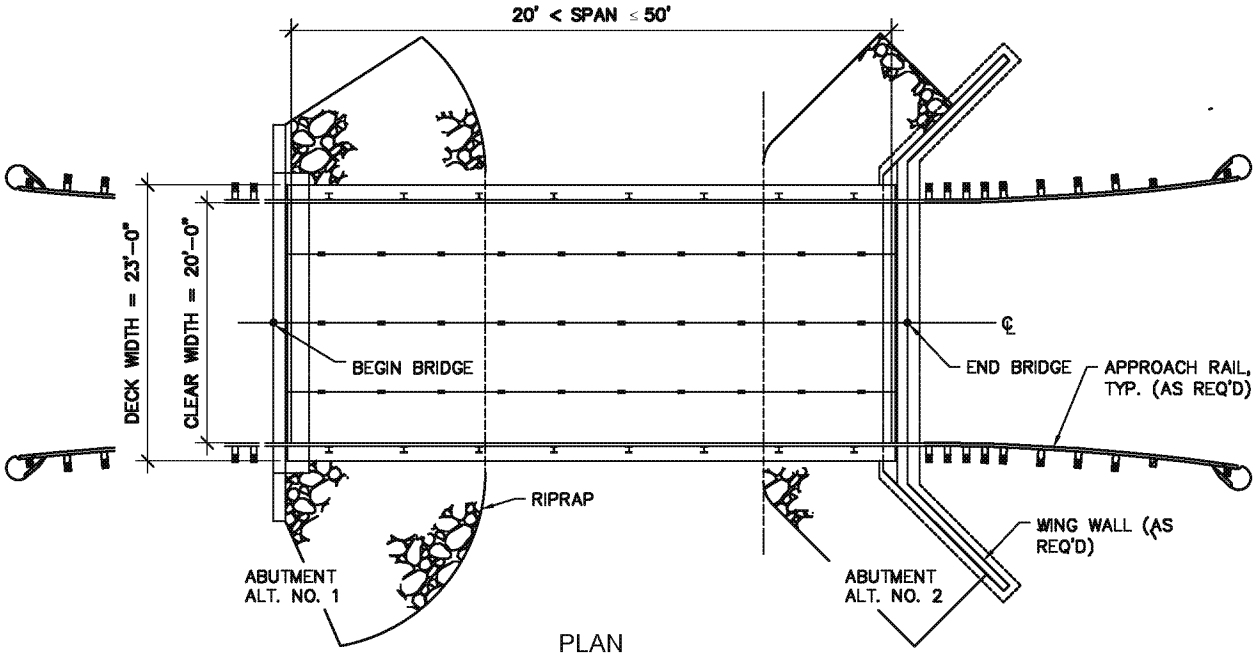
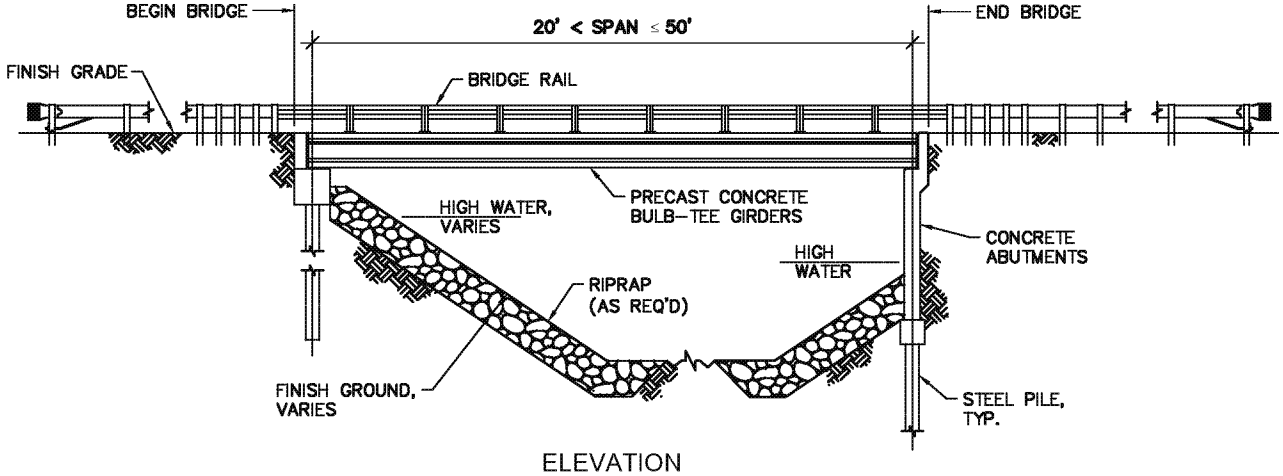


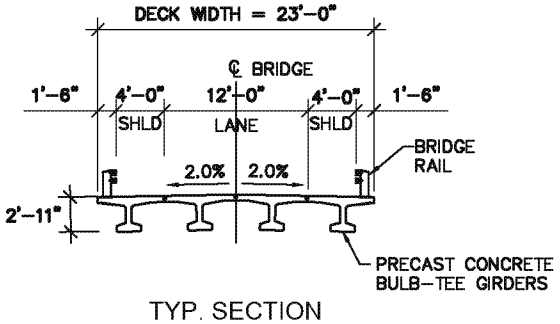
PLAN

NOT TO SCALE



ELEVATION

NOT TO SCALE



TYP. SECTION

NOT TO SCALE

℄ : CENTERLINE

ACOE PERMIT: POA-2013-396

SMALL BRIDGE (<50FT)

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

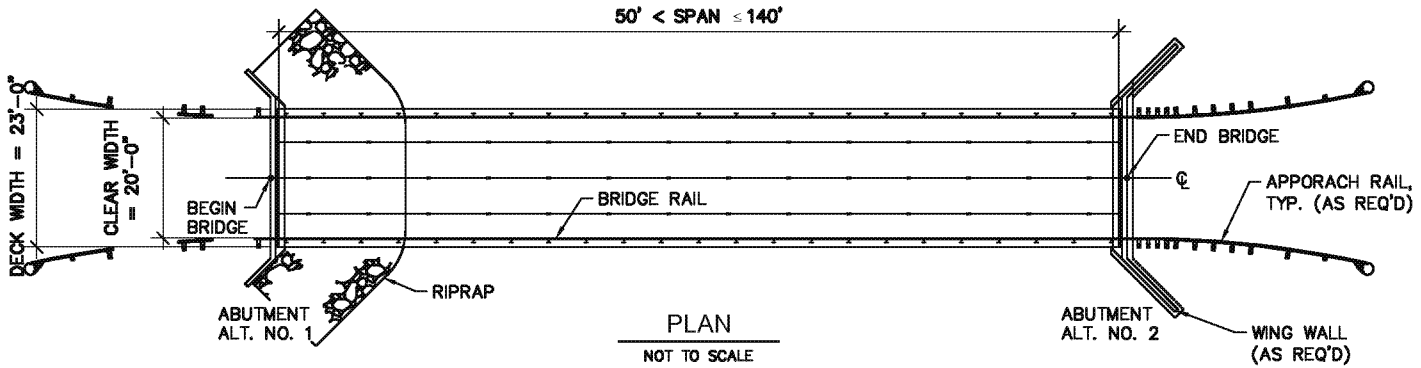
PROJECT: Ambler Mining District Industrial Access Project

LOCATION: Ambler Mining District

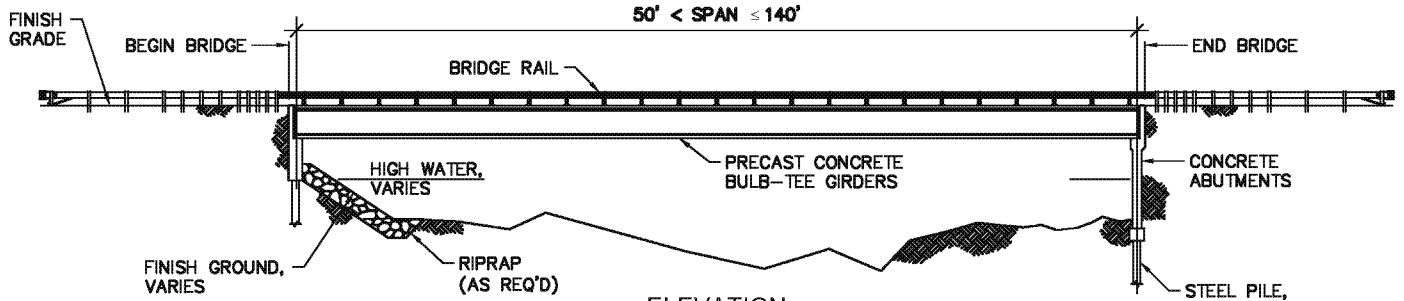
WATERBODY: Kobuk/Koyukuk/Alatna Rivers

DATE: 9/10/2019 Sheet 16 of 20

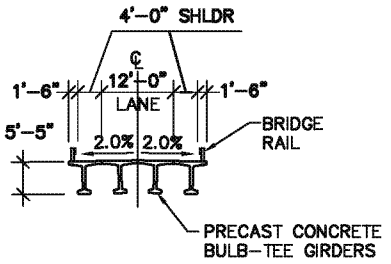
℄ : CENTERLINE



PLAN
NOT TO SCALE



ELEVATION
NOT TO SCALE



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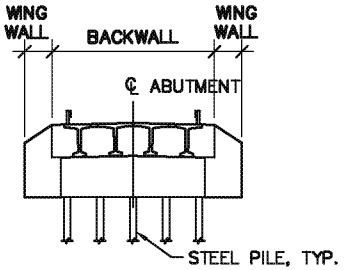
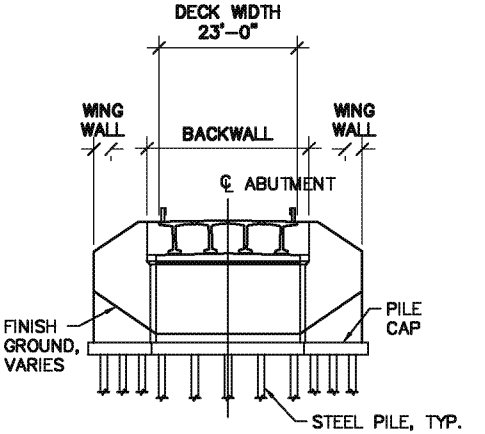


TYP. ELEVATION
ABUTMENT - ALT. NO. 1
NOT TO SCALE

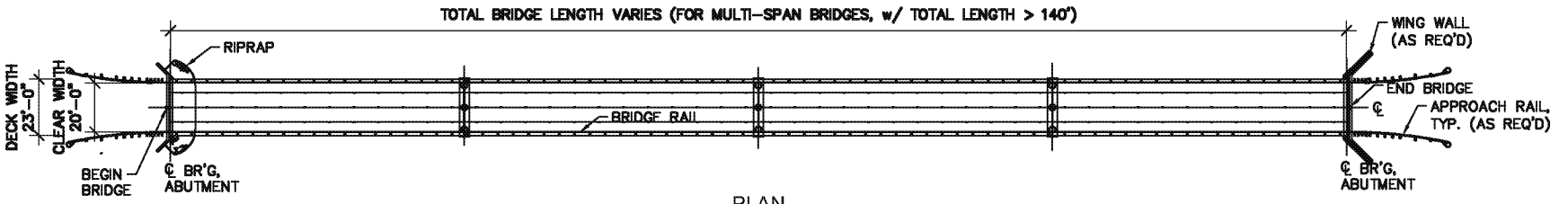


TYP. ELEVATION
ABUTMENT - ALT. NO. 2
NOT TO SCALE

ACOE PERMIT: POA-2013-396
MEDIUM BRIDGE (50FT < SPAN <140FT)
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019

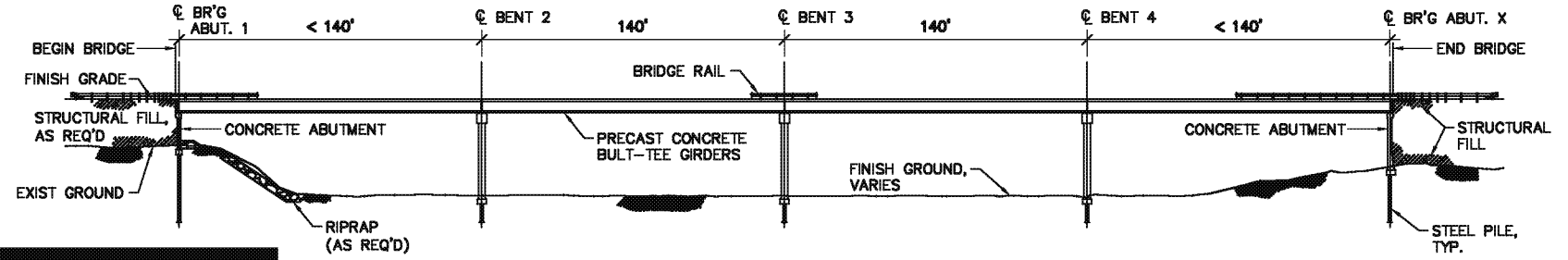
℄ : CENTERLINE

Ambler - Large Bridge
(multi-span, Total Bridge Length > 150')
(individual spans > 120')



PLAN
NOT TO SCALE

NOTE:
– BRIDGE SPANS WILL VARY. NUMBER & LENGTH OF SPANS TO BE DETERMINED DURING DESIGN.



ELEVATION
NOT TO SCALE

ACOE PERMIT: POA-2013-396
LARGE BRIDGE (>140FT SPAN)
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019
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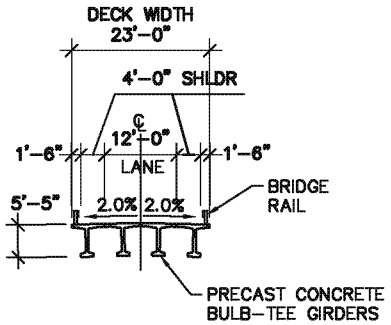
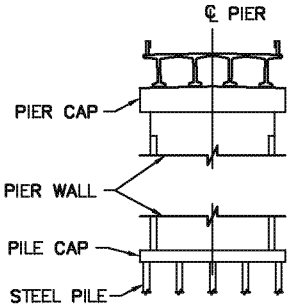
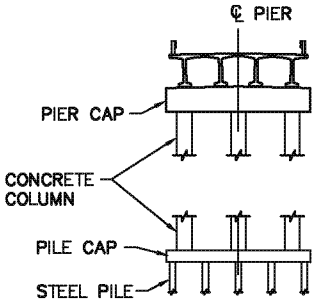
NOTE:
FOR ABUTMENT DETAILS, REFER TO MEDIUM BRIDGE FIGURE.



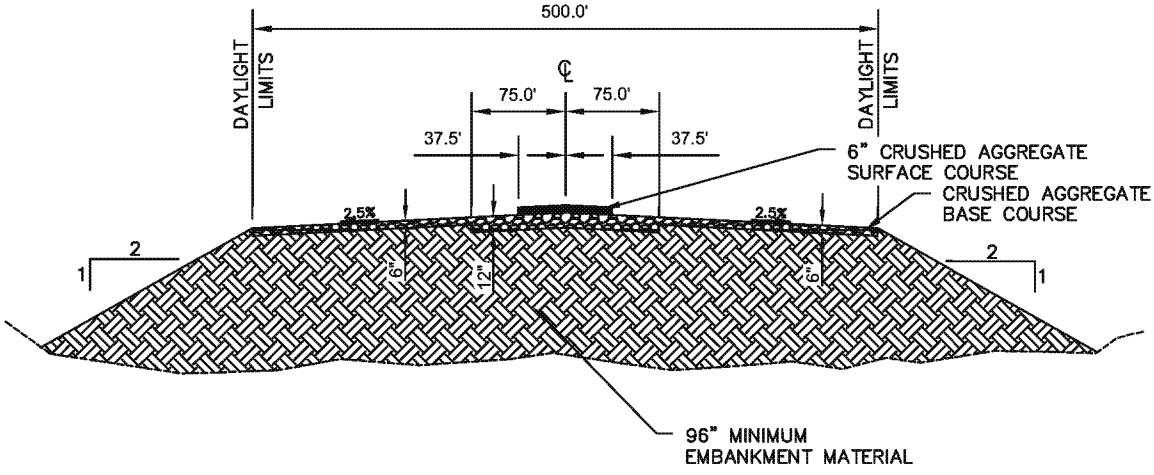
TYP. SECTION
NOT TO SCALE



TYP. ELEVATION
SOLID WALL PIER
NOT TO SCALE



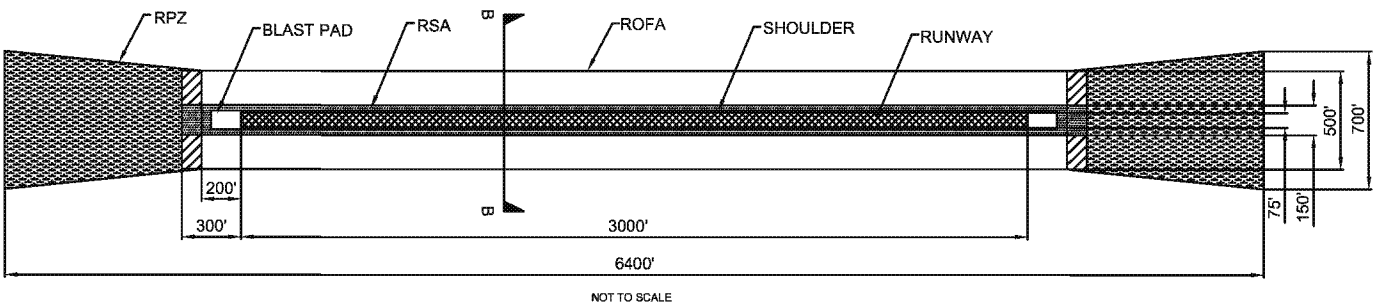
TYP. ELEVATION
COLUMN PIER
NOT TO SCALE



SECTION B - B

NOT TO SCALE

℄ : CENTERLINE



NOT TO SCALE

ACOE PERMIT: POA-2013-396

PLAN VIEW / CROSS SECTION: AIRSTRIP

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

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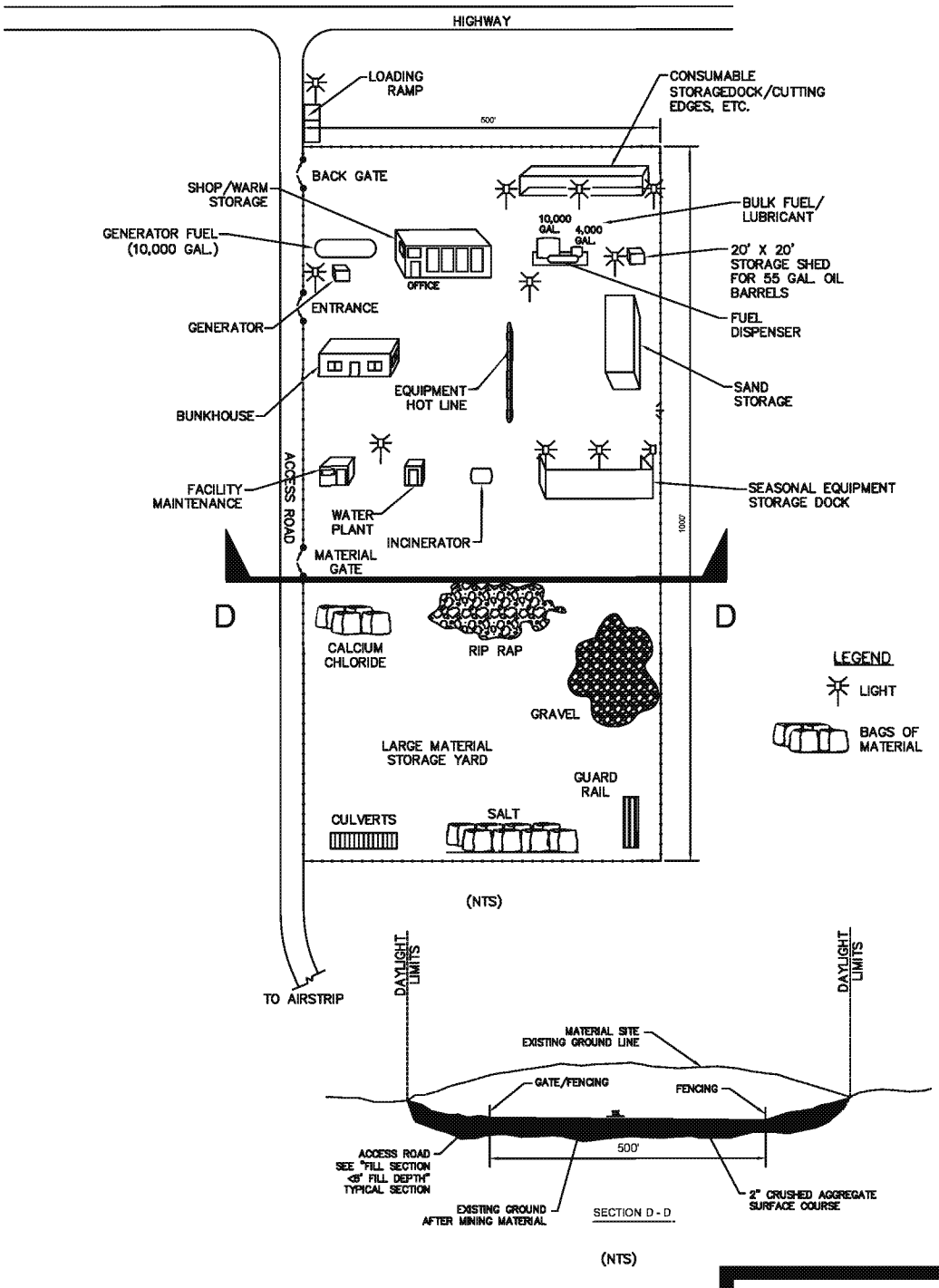

℄ : CENTERLINE
NTS: NOT TO SCALE

ACOE PERMIT: POA-2013-396

TYPICAL: MAINTENANCE FACILITY LAYOUT

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

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